

Ollscoil na Gaillimhe – University of Galway



PARAMETRIC SOLID MODELING: AUTODESK INVENTOR PROFESSIONAL

(ME 3107– 2026-2027)

COURSE CONTENTS	
1	Complex Parts and Assemblies
2	Advanced Engineering Drawing
3	Sheet Metal
4	Frame Generator
5	Welding
6	Design Accelerators / Design Environments

Dates

Start of teaching: W/C 07.09.2026

End of Teaching: W/E 27.11.2026

Assessment

Continuous Assessment

Tutorials: 40% Assignments 60%

Students on the 5 year mechanical programme (3BM1) the CAD grade contributes 30% to the machine design project.

Students on the 4 year mechanical programme (3BM4) the CAD grade contributes 30% to the ME304 grade.

Energy students (BSE4), the CAD grade contributes 30% to the ME304 grade.

10% of marks could be deducted if your attendance is less than 60% of lectures.

Students must sign in on Quickly and also on the class register sheet which is passed around during the Lectures each week. If you are sick come and see me in the next class you can attend.

CAD Lecturer: Warren Davies wdavies@universityofgalway.ie